

19970904.qrp v00_n838.qrs.970904

>From ???@??? Fri Sep 05 02:56:10 1997
Date: Thu, 4 Sep 1997 19:03:14 EDT
Subject: QRP-L digest 838
Message-Id: <97Sep4.190320edt.34859-11200+116@fidoii.cc.Lehigh.EDU>

QRP-L Digest 838

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- 1) [26134] August 31 KL Roundtable Report
by aa4xx@juno.com (Paul T Stroud)
- 2) [26135] Aurora Tonite (3 September, 1997)
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- 3) [26136] Re: Loop de loop
by Greg Newberry <newberry@cyberhighway.net>
- 4) [26137] Hi mount HK 708, testing the waters
by No Other Than <mitch96@herald.infi.net>
- 5) [26138] * Announcing Another 13 *NEW* Reflectors *
by "Brian K. Short" <shortckt@primenet.com>
- 6) [26139] Re: QRPp MW? (Not in My Physics Book!)
by wb2vuo@juno.com (William K Hibbert)
- 7) [26140] Re: Hamfest gel cells
by Hank Kohl K8DD <k8dd@contesting.com>
- 8) [26141] Re: QRPp MW? (Not in My Physics Book!) & SPRINT
by "j.w. thornton" <dub@oklahoma.net>
- 9) [26142] Bubba rules ???
by "Lageson's" <LAGESON@worldnet.att.net>
- 10) [26143] Glue for Plexiglass
by ke3fl@juno.com
- 11) [26144] Re: Hello and antennas one more time
by Q@vtc.net (Quentin Hilpert)
- 12) [26145] 2 test
by "CHRIS" <guardian@mvtel.net>
- 13) [26146] BUBBA ?? NEED INFO!
by "CHRIS" <guardian@mvtel.net>
- 14) [26147] Russian Federation Calls
by n4so@juno.com (charles k brown)
- 15) [26148] Re: Bubba rules ???
by Bob Hightower <ki7mn@dancris.com>
- 16) [26149] TNX TO BOB
by "CHRIS" <guardian@mvtel.net>
- 17) [26150] QRP Chat Room - N9DD
by "Jim (AL7FS), Nancy (KL7NY) and Juliann (WL7MP) Larsen"
<larsennc@alaska.net>
- 18) [26151] Tesla photos
by maccary@on-ramp.ior.com

- 19) [26152] Bubba Rules/Scoring Solution
by n4so@juno.com (charles k brown)
- 20) [26153] 9Y4/PA3BBP on 10.104
by Joe Gervais <vole@primenet.com>
- 21) [26154] AA mAh
by n4so@juno.com (charles k brown)
- 22) [26155] Re: Bubba rules ???
by Paul Harden <pharden@aoc.nrao.edu>
- 23) [26156] Re: ARRL Bulletin 049: Revisions the the RF Exposure Limits
by Sandy W5TVW <ebjr@worldnet.att.net>
- 24) [26157] Re: QRPp MW? (Not in My Physics Book!) & SPRINT
by phreique@juno.com
- 25) [26158] w3Cv is going camping
by Scott Bauer <ke3nv@erols.com>
- 26) [26159] Could be a stupid question...but...
by G4YND@aol.com
- 27) [26160] RE: ARRL Bulletin 049: Revisions to the RF Exposure Limits
by bill@taprov.com (Bill Cleveland)
- 28) [26161] jim cates email addr.
by rspenc@creighton.edu
- 29) [26162] Re: Hamfest gel cells
by rerobins@unccvm.uncc.edu (Rick Robinson)
- 30) [26163] Re: ladder-line and longwire (thanks)
by "Mike B. Allred" <mallred@fscu.org>
- 31) [26164] RE: ARRL Bulletin 049: Revisions to the RF Exposure Limits
by Monte Stark <ku7y@sage.dri.edu>
- 32) [26165] Hawaii on 3w SSB from the car!!!
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 33) [26166] RE: ARRL Bulletin 049: Revisions to the RF Exposure Limits
by wmcshan@REX.RE.ouhsc.edu (Mike McShan)
- 34) [26167] propagation
by torell@sicom.com (Kent Torell)
- 35) [26168] "new" gel cells
by rerobins@unccvm.uncc.edu (Rick Robinson)
- 36) [26169] RE: ARRL Bulletin 049: Revisions to the RF Exposure Limits
by Monte Stark <ku7y@sage.dri.edu>
- 37) [26170] Solar forecast explained (long)
by Paul Harden <pharden@aoc.nrao.edu>
- 38) [26171] Re: w3Cv is going camping
by rob3ert@juno.com (Robert G. Parks)
- 39) [26172] Feed lines into shack
by Christopher Moore <christopher.moore@snet.net>
- 40) [26173] TU4EI Pirate?
by ab5uacw@juno.com (Clifton W Sikes)
- 41) [26174] N sex? , weatherproof BNC?
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
- 42) [26175] Feed lines into shack -Reply
by Paul Cereste <cereste@myapc.com>

43) [26176] Re: Messages from abaforum.es ??
by w4bws@juno.com (Donald E Sanders)
44) [26177] Re: N sex? , weatherproof BNC?
by laura halliday <ve7ldh@direct.ca>
45) [26178] RE: ARRL Bulletin 049: Revisions to the RF Exposure Limits
by bill@taprov.com (Bill Cleveland)
46) [26179] ARLB 049
by kq0i@juno.com (Mark R Milburn)
47) [26180] Re: N sex? , weatherproof BNC?
by Ed Loranger <we6w@qsl.net>
48) [26181] AL7FS Contest Comments - 9/97
by "Jim (AL7FS), Nancy (KL7NY) and Juliann (WL7MP) Larsen"
<larsennc@alaska.net>
49) [26182] Re: Hawaii on 3w SSB from the car!!!
by Sandy W5TVW <ebjr@worldnet.att.net>
50) [26183] RE: ARRL Bulletin 049: Revisions to the RF Exposure Limits
by Sandy W5TVW <ebjr@worldnet.att.net>
51) [26184] SA/SA shipped!
by Steven Weber <kd1jv@moose.ncia.net>
52) [26185] QRP Workshop Report (long)
by Bruce Rattray <rattray@siast.sk.ca>
53) [26186] question
by Bruce Rattray <rattray@siast.sk.ca>
54) [26187] Re: N sex? , weatherproof BNC?
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
55) [26188] Further to Porky Pig & CW
by "Graham Firth" <Graham.Firth@btinternet.com>
56) [26189] Re: N sex? , weatherproof BNC?
by Ed Loranger <we6w@qsl.net>
57) [26190] Re: N sex? , weatherproof BNC?
by Chris Cartwright <ccart@dns.vidtel.com>
58) [26191] Soapbox for the August Spartan Sprint (Long)
by Russ Carpenter <russ@natworld.com>
59) [26192] RESULTS FOR THE AUGUST SPARTAN SPRINT
by Russ Carpenter <russ@natworld.com>
60) [26193] Callsign lookup via email?
by Craig LaBarge <LaBarge_C@compuserve.com>
61) [26194] Next Question ...
by Joel Malman <malman@BBN.COM>
62) [26195] RE: Looking for QSO with NE and HI
by "Zoerb, Ron" <Zoerb.Ron@tci.com>

Date: Wed, 3 Sep 1997 18:40:27 -0400
From: aa4xx@juno.com (Paul T Stroud)
To: klnet@acpub.duke.edu
Cc: qrp-l@Lehigh.EDU, wa4nid@amsat.org

Subject: [26134] August 31 KL Roundtable Report
Message-ID: <19970903.184418.9238.0.aa4xx@juno.com>

Hi Gang,

Although this past weekend was a busy one with the Bubba and MI QRP contests, a number of folks found the time to join in the KnightLite's Roundtable last Sunday night.

Welcome to first time check-in John Paul, AB4PP, from Raleigh, NC. Glad to have you join us, J.P.! Also, congratulations to Les, K4NK, from Greenville, SC, who was recently appointed as ARRL Section Manager for South Carolina. As you said, it's a big job, but you certainly have our support.

The KL Roundtable meets each Sunday night at 9:30PM EDT local time (or 0130Z) on 3686.4 KHz. We welcome all hams to check into the net, whether you're running QRP or QRO. This past Sunday night, the following folks joined us:

K4NK	Les	Greenville,	SC	599	5W	Windom
"Running on battery because the power has been out for 2 hours"						

N3GO	Gary	Raleigh,	NC	599	2.5W	Dipole
"Had nice visit with old friend today. CU next week as NCS."						

AB4PP	J.P.	Raleigh,	NC	439	4W	Carolina
Windom	"Nice to hear everybody tonight."					

WA1QVM	Joel	Concord,	MA	449		
"Been working 15 and 40M."						

KA2QPG	Pierre		NY	559	4W	
Dipole	"Worked Europe on 20M for the first time in months so propagation improving."					

AE4IC	Bob	Greensboro,	NC	599		
Horizontal loop	"Found a Johnson matchbox at the Shelby Hamfest which I'll test."					

VE3SP	Ron	Hamilton,	ON	339		
"Worked quite a few stations during the Bubba Contest on 20M."						

WA4NID Dave Durham, NC 599 1W Dipole
 "Had to repair my antenna today as it was a dangling
 dipole!"

VE3JC John Delaware, ON 549 4W
 "Glad to work you (AA4XX) on 40M during the Bubba
 Contest."

N7RI Ralph Charlottesville, VA 599+ 2W Dipole
 "Didn't get to be a Bubba today, but heard the contest
 was a blast."

AC4QX Lauren Lake Gaston, NC 599+ 5W G5RV
 "Enjoying the Lake this weekend. 72"

WQ4RP/AA4XX Paul in Raleigh, NC (NCS) 5W 80M window with
 ladderline

Hope to see you next week, when N3GO will be Net Control Station,
 using the KL Club call,
 WQ4RP. 72 de Paul, AA4XX.

 Date: Wed, 03 Sep 1997 19:50:09 EDT
 From: wb2vuo@juno.com (William K Hibbert)
 To: qrp-l@lehigh.edu
 Subject: [26135] Aurora Tonite (3 September, 1997)
 Message-ID: <19970903.194919.2063.0.wb2vuo@juno.com>

Looking at the DXCluster spots, there is an auroral event right now
 (2345Z/3 Sept, 1997) The weak signal VHF/UHF gang is spotting 500 - 1200
 Km QSO's on 2 Meter CW and all the way up to 432 MHz...

Not a good sign for 160 - 30 Meters usually, but 10 is hopping right now.

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, AR QRP #68, 100% QRP
 Tech Specialist (ARRL/WNY), ARRL Life Member,
 Trustee, NQ2RP/B 10 Mtr QRP Beacon (125 mW @ 28.287 MHz)
 "In the Depths of the Great Bergen (NY) Swamp...FN13ac"
 Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
 SnailMail - CBA *** Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

Date: Wed, 03 Sep 1997 18:11:38 -0600
From: Greg Newberry <newberry@cyberhighway.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [26136] Re: Loop de loop
Message-ID: <340DFCBA.7F9A@cyberhighway.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

>
> One last question for the small loop experts....
>
> The antenna book talks some about adding radials. If I were to do this,
> would they attach to the bottom of the loop where the coax feed is? And,
> can they be angled off or need to be straight out from the loop?
>
> Many thanks to all for the helpfull hints the last few days.
>
> 73,
> Steve, KD1JV....In the White Mountains of New Hampshire
>
> "Melt Solder"

Steve,

I'll be waiting for the answer to that as I'm building my loop as well. 17.5 circumference (5.5 dia) and should tune 7-14mhz ok. I'm using a plate style homebrew cap that will be controlled with a stepper motor. I'll be mounting it on my shop which is about 11 ft off the ground. I'm using an eave mount and haven't decided on a mast yet. My first thought was a fiberglass pole but there aren't to be had around here. Then I got a 10 foot piece of 1 1/5 inch schedule 40 pvc and I'm going to cut the corners off a 2x2 so it will slide tightly inside of the PVC pipe. The two should be stiff enough for the loop. About 7.5 feet about the top mount is all.

I encourage all to try one. Easy to build and as commented on before just make sure you solder or braze the joints very good for low loss.

What type of feed system are you using? A gamma match?

Thanks

Greg

--

```
-----  
| Greg Newberry      newberry@cyberhighway.net |  
| WB7DUO QRP-L #760 |  
| NorCal #1899  CQC #465  AR-QRP #65 |  
-----
```

Date: Thu, 04 Sep 1997 20:23:04 -0400
From: No Other Than <mitch96@herald.infi.net>
To: qrp-l@Lehigh.EDU
Subject: [26137] Hi mount HK 708, testing the waters
Message-ID: <340F50E8.3264@herald.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,
Has anyone used this key before?? I have purchased items from Marshall
and they have always been top shelf. Hows the feel?? Anything like a
j-38 or more like a Shurr??
The Other Mitch, N4jbw ..

Date: Thu, 04 Sep 1997 01:28:06 +0100
From: "Brian K. Short" <shortckt@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [26138] * Announcing Another 13 *NEW* Reflectors *
Message-ID: <3.0.3.32.19970904012806.010406c0@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

* Announcing Another 13 *NEW* Reflectors *

1. 160M
2. 80M
3. 40M
4. 20M
5. 15M
6. 10M
7. WARC
8. 2M
9. 222MHz
10. 70CM

11. 33CM
12. 23CM
13. MICROWAVE

--

>>>> info 160m

160M is a mailing list reflector devoted to the discussion of the 160M amateur band.

- * DX and Weak Signals
- * Current Propagation
- * Activities on 160M
- * Anything 160M Related

To join the mailing list, send email:

TO: majordomo@qth.net
SUBJECT:
BODY: subscribe 160m

To be removed from the mailing list:

TO: majordomo@qth.net
SUBJECT:
BODY: unsubscribe 160m

To post information/questions to the list:

TO: 160m@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: k7on@qth.net

>>>> info 80m

80M is a mailing list reflector devoted to the discussion of the 80M amateur band.

- * DX and Weak Signals
- * Current Propagation
- * Activities on 80M
- * Anything 80M Related

To join the mailing list, send email:

TO: majordomo@qth.net

SUBJECT:

BODY: subscribe 80m

To be removed from the mailing list:

TO: majordomo@qth.net

SUBJECT:

BODY: unsubscribe 80m

To post information/questions to the list:

TO: 80m@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: wa4pgm@moonstar.com

>>>> info 40m

40M is a mailing list reflector devoted to the discussion of the 40M amateur band.

- * DX and Weak Signals
- * Current Propagation
- * Activities on 40M
- * Anything 40M Related

To join the mailing list, send email:

TO: majordomo@qth.net

SUBJECT:

BODY: subscribe 40m

To be removed from the mailing list:

TO: majordomo@qth.net

SUBJECT:

BODY: unsubscribe 40m

To post information/questions to the list:

TO: 40m@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: k7on@qth.net

>>>> info 20m

20M is a mailing list reflector devoted to the discussion of the 20M amateur band.

- * DX and Weak Signals
- * Current Propagation
- * Activities on 20M
- * Anything 20M Related

To join the mailing list, send email:

TO: majordomo@qth.net
SUBJECT:
BODY: subscribe 20m

To be removed from the mailing list:

TO: majordomo@qth.net
SUBJECT:
BODY: unsubscribe 20m

To post information/questions to the list:

TO: 20m@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: k7on@qth.net

>>>> info 15m

15M is a mailing list reflector devoted to the discussion of the 15M amateur band.

- * DX and Weak Signals
- * Current Propagation
- * Activities on 15M
- * Anything 15M Related

To join the mailing list, send email:

TO: majordomo@qth.net
SUBJECT:
BODY: subscribe 15m

To be removed from the mailing list:

TO: majordomo@qth.net

SUBJECT:

BODY: unsubscribe 15m

To post information/questions to the list:

TO: 15m@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: k7on@qth.net

>>>> info 10m

10M is a mailing list reflector devoted to the discussion of the 10M amateur band.

- * DX and Weak Signals
- * Current Propagation
- * Activities on 10M
- * Anything 10M Related

To join the mailing list, send email:

TO: majordomo@qth.net

SUBJECT:

BODY: subscribe 10m

To be removed from the mailing list:

TO: majordomo@qth.net

SUBJECT:

BODY: unsubscribe 10m

To post information/questions to the list:

TO: 10m@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: k7on@qth.net

>>>> info warc

WARC is a mailing list reflector devoted to the discussion of the WARC amateur bands.

- * DX and Weak Signals
- * Current Propagation

- * Activities on WARC Bands
- * Anything WARC Band Related

To join the mailing list, send email:

TO: majordomo@qth.net
SUBJECT:
BODY: subscribe warc

To be removed from the mailing list:

TO: majordomo@qth.net
SUBJECT:
BODY: unsubscribe warc

To post information/questions to the list:

TO: warc@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: k7on@qth.net

>>>> info 2m

2M is a mailing list reflector devoted to the discussion of the 2M amateur band.

- * DX and Weak Signals
- * Current Propagation
- * Activities on 2M
- * Anything 2M Related

To join the mailing list, send email:

TO: majordomo@qth.net
SUBJECT:
BODY: subscribe 2m

To be removed from the mailing list:

TO: majordomo@qth.net
SUBJECT:
BODY: unsubscribe 2m

To post information/questions to the list:

TO: 2m@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: k7on@qth.net

>>>> info 222mhz

222MHz is a mailing list reflector devoted to the discussion of the 222MHz amateur band.

- * DX and Weak Signals
- * Current Propagation
- * Activities on 222MHz
- * Anything 222MHz Related

To join the mailing list, send email:

TO: majordomo@qth.net
SUBJECT:
BODY: subscribe 222mhz

To be removed from the mailing list:

TO: majordomo@qth.net
SUBJECT:
BODY: unsubscribe 222mhz

To post information/questions to the list:

TO: 222mhz@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: k7on@qth.net

>>>> info 70cm

70cm is a mailing list reflector devoted to the discussion of the 70cm amateur band.

- * DX and Weak Signals
- * Current Propagation
- * Activities on 70cm
- * Anything 70cm Related

To join the mailing list, send email:

TO: majordomo@qth.net

SUBJECT:

BODY: subscribe 70cm

To be removed from the mailing list:

T0: majordomo@qth.net

SUBJECT:

BODY: unsubscribe 70cm

To post information/questions to the list:

T0: 70cm@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: k7on@qth.net

>>>> info 33cm

33cm is a mailing list reflector devoted to the
discussion of the 33cm amateur band.

- * DX and Weak Signals
- * Current Propagation
- * Activities on 33cm
- * Anything 33cm Related

To join the mailing list, send email:

T0: majordomo@qth.net

SUBJECT:

BODY: subscribe 33cm

To be removed from the mailing list:

T0: majordomo@qth.net

SUBJECT:

BODY: unsubscribe 33cm

To post information/questions to the list:

T0: 33cm@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: k7on@qth.net

>>>> info 23cm

23cm is a mailing list reflector devoted to the discussion of the 23cm amateur band.

- * DX and Weak Signals
- * Current Propagation
- * Activities on 23cm
- * Anything 23cm Related

To join the mailing list, send email:

TO: majordomo@qth.net
SUBJECT:
BODY: subscribe 23cm

To be removed from the mailing list:

TO: majordomo@qth.net
SUBJECT:
BODY: unsubscribe 23cm

To post information/questions to the list:

TO: 23cm@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: k7on@qth.net

>>>> info microwave

Microwave is a mailing list reflector devoted to the discussion of the Microwave amateur bands.

- * DX and Weak Signals
- * Current Propagation
- * Activities on Microwave Bands
- * Anything Microwave Band Related

To join the mailing list, send email:

TO: majordomo@qth.net
SUBJECT:
BODY: subscribe microwave

To be removed from the mailing list:

TO: majordomo@qth.net

SUBJECT:

BODY: unsubscribe microwave

To post information/questions to the list:

TO: microwave@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: k7on@qth.net

"If you can't run with the big dogs, stay on the porch!"

Brian Short k7on@qsl.net <http://www.qsl.net/k7on>

1994 E Laguna Dr Tempe, Az 85282 (602)839-3484

Date: Wed, 03 Sep 1997 21:39:36 EDT

From: wb2vuo@juno.com (William K Hibbert)

To: qrp-l@Lehigh.EDU

Subject: [26139] Re: QRPp MW? (Not in My Physics Book!)

Message-ID: <19970903.213812.2063.1.wb2vuo@juno.com>

At 12:04 9/3/97 -0400, you wrote:

>How do you send a lower case "M"

>in CW ? I did not know there was a

>difference set of characters for upper

>and lower case letters in CW.

I guess you just have to work the key very, very, very softly???

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, AR QRP #68, 100% QRP

Tech Specialist (ARRL/WNY), ARRL Life Member,

Trustee, NQ2RP/B 10 Mtr QRP Beacon (125 mW @ 28.287 MHz)

"In the Depths of the Great Bergen (NY) Swamp...FN13ac"

Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com

SnailMail - CBA *** Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

Date: Wed, 03 Sep 1997 22:00:31 -0400
From: Hank Kohl K8DD <k8dd@contesting.com>
To: ham@w3eax.umd.edu
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26140] Re: Hamfest gel cells
Message-ID: <2.2.32.19970904020031.00763694@tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:18 AM 9/3/97 -0400, Scott Rosenfeld [NF3I] wrote:
>Scott, I've bought dozens of batteries from hamfests and gotten maybe ONE
>dud of all of them.
>
>LESSON: BRING A VOLTMETER!
>
>If it's not over 12 VDC, reject it. It's not foolproof, but it has seemed
>to work for me.

You really should have something to load the battery with. 12AH and up, a
headlamp bulb or a 1 ohm resistor. I've seen Yuasa batteries float at
12 - 13 VDC but go right down to 10 VDC or less when you put a 1 or 2 ohm
load on them.

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS (k8dd@tir.com)
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Wed, 03 Sep 1997 20:59:13 -0500
From: "j.w. thornton" <dub@oklahoma.net>
To: qrp-1@Lehigh.EDU
Subject: [26141] Re: QRPp MW? (Not in My Physics Book!) & SPRINT
Message-ID: <3.0.3.32.19970903205913.00fae480@oklahoma.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:45 AM 9/3/97, you wrote:
>At 12:04 9/3/97 -0400, you wrote:
>>How do you send a lower case "M"

>>in CW ? I did not know there was a
>>difference set of characters for upper
>>and lower case letters in CW.
>

In the ole land Morse (railroad, WU, etc), all letters were considered to be lower case unless immediately preceded by a "cx" combination run together as one letter. This indicated a capital letter.

Dub WA5YFY
J. W. (Dub) Thornton
QRP-1 # 159
ARCI #6982
NW QRP # 427
Minco, Okla. 73059

Date: Thu, 4 Sep 1997 02:35:31 +0000
From: "Lageson's" <LAGESON@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [26142] Bubba rules ???
Message-ID: <19970904023529.AAA26661@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I did get a chance to work a hour or so of the Bubba contest, its fun getting on half way through a be "fresh meat", had a few mini pile-ups going. However I can't find the rules for scoring, KI7MN has already pulled it from his web page. So if anyone could tell me where I can get a copy of the scoring rules I would like to send in my results.

Thanks...72's Jim N0UR

Date: Wed, 3 Sep 1997 07:00:10 PST
From: ke3fl@juno.com
To: qrp-1@lehigh.edu
Subject: [26143] Glue for Plexiglass
Message-ID: <19970903.070012.2175.2.ke3fl@juno.com>

I use the "solvent" that I can pick up at Reed Plastics here in Silver Spring MD. It is called: WELD*ON 3 by IPS corp, Gardena CA 90248.

If you have gaps shave off some plastic from a junk piece and melt it and use it as paste.

Good-luck

73 & 73 de KE3FL
Phil

Date: Wed, 03 Sep 1997 19:59:13 -0600
From: Q@vtc.net (Quentin Hilpert)
To: qrp-1@lehigh.edu
Subject: [26144] Re: Hello and antennas one more time
Message-ID: <340E15F1.7CC0@vtc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QCG&L wrote:

>
> Hi! I am Quentin Hilpert KC7VOU. I am new to the game, amature radio
> that is. I want to try QRP. I have a HW-101, a cushcraft 7000 and a
> wire. I like working the wire best because it feels closer to being a
> radio operator (if that makes sence). I have done a littel research
> although I still have not found any thing about the rules of QRP. Some
> of my questions are, can you use a wire antenna with QRP or am I liable
> to use all my power compensating for the fact it's not "tuned". can I
> use my HW 101 as long as I keep it below 5 watts or is that cheating? (I
> don't plan to run any contests for a while). What antenna is most
> used? a dipole?. any way I have been reading the mail for a few days
> now and you all seem like a nice bunch. Thanks very much for any
> help.
> Quentin Hilpert KC7VOU Q@vtc.net
> Morenci Arizona
>
> OH yes I am having trouble recieving m and r for some reason they
> allways sound upside down. maybe I have the feed line to my wire at the wrong
end???

Date: Wed, 3 Sep 1997 22:16:47 -0700
From: "CHRIS" <guardian@mvtel.net>
To: <qrp-1@Lehigh.EDU>
Subject: [26145] 2 test

Message-ID: <9709040313.AA28042@host.ot.centuryinter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Date: Wed, 3 Sep 1997 22:22:39 -0700
From: "CHRIS" <guardian@mvtel.net>
To: <qrp-1@lehigh.edu>
Subject: [26146] BUBBA ?? NEED INFO!
Message-ID: <9709040319.AA19417@host.ot.centuryinter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Been away to long..... What's a BUBBA?

I have read the list for 3 days now trying to figure this one out. All I know so far is that it is OPPOSITE of FYBO!

tnx in advance sorry for the trouble.

72 73's chris kb5vyb

Date: Wed, 03 Sep 1997 23:20:46 EDT
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [26147] Russian Federation Calls
Message-ID: <19970903.101755.7519.2.n4so@juno.com>

You might try the updated ARRL DXCC list.
The updated version is in 2 parts from info@arrl.org
and the filename is `dxcclist.txt`
The command to get the file from the Info server is:
`send dxcclist.txt`

The updated version should list the former Soviet/former
Satellite countries which are currently separate countries.
The two text files of the dxcc list are on this computer or you can get
it from the info server at the ARRL.

If you are asking to receive the files just ask for dxcc1

and I will send the files from this computer.
from: n4so@juno.com

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

Date: Wed, 3 Sep 1997 20:30:11 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: LAGESON@worldnet.att.net
Cc: qrp-l@Lehigh.EDU
Subject: [26148] Re: Bubba rules ???
Message-ID: <199709040330.UAA28829@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:35 AM 9/4/97 +0000, you wrote:

>I did get a chance to work a hour or so of the Bubba contest, its fun
>getting on half way through a be "fresh meat", had a few mini pile-ups
>going. However I can't find the rules for scoring, KI7MN has already pulled
>it from his web page. So if anyone could tell me where I can get a copy of
>the scoring rules I would like to send in my results.
>

Ooops! Sorry. They are back up on the page. Thought everyone had gotten a chance to get them.

73,
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.
33.334500N -111.87260W
<http://www.dancris.com/~ki7mn>
WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=6

Date: Wed, 3 Sep 1997 22:41:54 -0700
From: "CHRIS" <guardian@mvtel.net>
To: <qrp-l@lehigh.edu>
Subject: [26149] TNX TO BOB
Message-ID: <9709040338.AA21288@host.ot.centuryinter.net>

Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Went to the BUBBA site and found out all about it ;-)
kb5vyb

Date: Wed, 03 Sep 1997 19:48:38 -0800
From: "Jim (AL7FS), Nancy (KL7NY) and Juliann (WL7MP) Larsen"
<larsennc@alaska.net>
To: qrp-1@lehigh.edu
Subject: [26150] QRP Chat Room - N9DD
Message-ID: <340E2F96.6512@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom, N9DD, I must have just missed you as your call was still logged
into the chat room at <http://www.servcom.com/worcester/chat.htm>

Maybe next time.

73, Jim, AL7FS
--
Jim Larsen
Anchorage, Alaska
Acupressure Anchorage
AL7FS ex-WA0LPK / KL7
2 meter WAS #36
Vision VR40

Date: Wed, 3 Sep 1997 23:51:36 -0400
From: maccary@on-ramp.ior.com
To: qrp-1@Lehigh.EDU
Subject: [26151] Tesla photos
Message-ID: <199709040351.XAA132142@nss2.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Date: Tue, 2 Sep 1997 20:01:39 -0700
From: gsurrency@juno.com (Gary L L Surrency)

Ok, if electromagnetic radiation is such a hazard, then how come it didn't kill Tesla? He was seen and photographed many times standing in the EM field of hundreds of thousands of volts, if not millions of volts in some of his experiments. I remember seeing some photos of his man-made lightning bolts leaping 20-30 feet from the high voltage coils he built.

Gary, Those photos of Tesla sitting calmly in the middle of his magnifying transmitter(his description) were double exposures. First exposure was him sitting there, second one was with QRO turned on and Tesla safely outside the field.

Mac

LAWRENCE MAC CARY --- A Subscriber at Internet On-Ramp, Inc.

Date: Thu, 04 Sep 1997 00:00:36 EDT
From: n4so@juno.com (charles k brown)
To: qrp-1@lehigh.edu
Subject: [26152] Bubba Rules/Scoring Solution
Message-ID: <19970903.105757.7519.9.n4so@juno.com>

If you want the Bubba rules text file ask for bubba.txt
If you want a sample Bubba scoring solution ask for bubba.txt
Both are saved textfiles from this computer.
from: n4so@juno.com

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-1 #622
n4so@juno.com

Date: Wed, 3 Sep 1997 21:16:56 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [26153] 9Y4/PA3BBP on 10.104
Message-ID: <199709040416.VAA25431@usr04.primenet.com>

Howdy Folks,

Yeah I know - I'm supposed to be catching up on email and BUBBA logs (thanks, BTW!), but thought I'd let you

know that 9Y4/PA3BBP (Trinidad/Tobago) is strong on 10.104 at 0415Z. I worked him when his/her sig popped up a few S-units on my first try.

Back to the data mines. Happy QRP/DX!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Veni Vertical Vamos - I came, I radiated, I left". -AB7TT

Date: Thu, 04 Sep 1997 00:37:49 EDT
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [26154] AA mAh
Message-ID: <19970903.113511.7519.15.n4so@juno.com>

Depends on the battery.
Panasonic has at least four different kinds of NiCad AA batteries...
500, 600, 700, 900 mAh.
The term you are looking for is Nominal Capacity
mAh -- milliamps per hour.
Allied Electronics catalog page 12...and other pages--

Digi-Key and Mouser have similar listings.
Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-1 #622
n4so@juno.com

Date: Wed, 3 Sep 1997 23:48:56 -0600
From: Paul Harden <pharden@aoc.nrao.edu>
To: LAGESON@worldnet.att.net, qrp-1@lehigh.edu
Subject: [26155] Re: Bubba rules ???
Message-ID: <199709040548.XAA15175@zia.aoc.nrao.edu>

Here's the Bubba Rules as originally posted for those who might need it.
--72, Paul NA5N

From: Joe Gervais <vole@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: BUBBA Sprint RULES!

(Full rules posted at end if you'd like to skip ahead....)

Howdy Folks,

We need you out there! Indoor, outdoor, DX, mobile... If you can generate modulated RF, you can be a BUBBA. And who wouldn't be proud of that? Impress your friends and co-workers! Get that promotion you've been hoping for! And groupies! Did I mention the BUBBA groupies? We ScQRPions are also providing an extravagant prize list, the likes of which you've never seen. :)

So why bother? It'll be FUN! In the exchange, you'll send the temperature at your operating position. You indoor ops can snicker at the outdoor ops who are sweating like bison in the blazing heat. And you outdoor ops can take comfort in the fact that every drop of sweat means you're getting a big ol' multi that'll translate to *big* points when it's over.

And if you find and work NQ7RP (The ScQRPion club station) you'll get to add 3,000 pts to your final score.

Outdoor ops will use their highest temp to calculate their Heat Index for final scoring ('cause it ain't always a dry heat, folks!). Indoor ops will use their highest temp as their multi.

For you outdoor ops, we've included a Heat Index chart below, or you can check with your local wx service/channel.

So there ya go! We AZ ScQRPions sure hope you'll join us. Because after all, there's a little BUBBA in all of us.

Prove to the world that you have what it takes... to be a BUBBA.

Cheers de AB7TT,

-Bubba Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's HOT! Africa hot! Tarzan couldn't take this kinda hot!" -Biloxi Blues

===== The BUBBA* Summer QRP Sprint RULES =====

(sponsored by the AZ ScQRPions)

★"Burn Ur Big B_____ Away"

When: Sun, Aug 31st, 1900Z-2300Z

Where: HF bands (no WARC)

What: CW, QRP (5w or less) only

How:

Categories: Indoor, Outdoor.

Work stations once per band.

Each SPC (State/Province/Country) counts once overall.

Exchange RST, SPC, Name, and Temp(F) at OPERATOR'S POSITION.

Score 1 pt per QSO.

Multipliers:

Power: 1-5w = x1, Less than 1w = x2.

Heat:

- Indoor ops use highest operating temp(F) at OP'S POSITION.
- Outdoor ops use Heat Index rating (See chart below).

Final Score = QSO pts x SPCs x Heat x Power (+ NQ7RP Bonus).

(Add 3,000 pts to your final score if you worked NQ7RP.)

Example 1: 40 Q's, 23 SPCs, Outdoor op (Heat Index max was 98F), 4w
Final Score = 40 x 23 x 98 x 1 = 90,160 pts

Example 2: 60 Q's, 34 SPCs, 4w, Indoor op (Temp was 78F), 5w
Final Score = 60 x 34 x 78 x 2 = 159,120 pts

Why:

Because it's either BUBBA or mow the lawn in the blazing heat!

For More Info:

See <www.dancris.com/~ki7mn> under "QRP Contests", or email
vole@primenet.com

Send logs to vole@primenet.com or Joe Gervais, POB 1822, Goodyear, AZ 85338.
Include callsign, operator, power, location, and highest operating temp
(outdoor ops also include relative humidity). Deadline is Sept.19 (don't want
to interfere with QRP Afield planning!).

----- HEAT INDEX CHART (for Outdoor ops) -----

<<http://www.koin.com/weather/heatindx.htm>>

Relative Humidity (%)															
15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90

110		108 112 117 123 130 137 143 150
105		102 105 109 113 118 123 129 135 142 149
T 100		97 99 101 104 107 110 115 120 126 132 138 144
E 95		91 93 94 96 98 101 104 107 110 114 119 124 130 136
M 90		86 87 88 90 91 93 95 96 98 100 102 106 109 113 117 122
P 85		81 82 83 84 85 86 87 88 89 90 91 93 95 97 99 102
(F) 80		76 77 77 78 79 79 80 81 81 82 83 85 86 86 87 88
75		71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79

From: Joe Gervais <vole@primenet.com>
 To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 Subject: BUBBA Sprint RULES oops...

Howdy again,

Wow, heavy embarrassment. Almost as bad as yelling "Go Raiders!"
 at a 49'ers game. :-)

"Example 2: 60 Q's, 34 SPCs, 4w, Indoor op (Temp was 78F), 5w
 Final Score = 60 x 34 x 78 x 2 = 159,120 pts"

should read

"Example 2: 60 Q's, 34 SPCs, Indoor op (Temp was 78F), 5w
 Final Score = 60 x 34 x 78 x 1 = 159,120 pts"

Minor editing flaw. Profuse apologies.

Cheers de AB7TT,

-Bubba Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

 Date: Thu, 4 Sep 1997 06:14:41 +0000
 From: Sandy W5TVW <ebjr@worldnet.att.net>
 To: wb2vuo@juno.com, qrp-1@Lehigh.EDU
 Subject: [26156] Re: ARRL Bulletin 049: Revisions the the RF Exposure Limits
 Message-ID: <19970904061435.AAB9483@LOCALNAME>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"

At 08:40 PM 9/3/97 +0000, you wrote:

>>From the ARRL, via the DXWNY DXCluster. 72/73, Keith, WB2VUO
>
>SB QST @ ARL \$ARLB049
>ARLB049 RF exposure update
>
>ZCZC AG49
>QST de W1AW
>ARRL Bulletin 49 ARLB049
>>From ARRL Headquarters
>Newington CT August 26, 1997
>To all radio amateurs
>
>SB QST ARL ARLB049
>ARLB049 RF exposure update
>
>The FCC has revised the power level thresholds to trigger a routine
>Amateur Radio station RF exposure evaluation, and the changes will
>be welcome news for most hams. When the FCC first decreed a year ago
>that ham radio stations would have to comply with RF exposure
>guidelines, it set a 50-W threshold level. The updated guidelines,
>announced August 25, increase that threshold level on all HF bands

Good news? Partially, but not very! The "Docket" seems to say this is to help comply with standards sought by EPA and FDA to "protect the environment"

I would urge that you apply pressure to your Congressmen to oppose this legislation. Our bureaucracy seems to have gone mad with these various and sometimes completely absurd regulations. It won't affect QRPers now, but wait! You will ultimately be next! It seems the EPA/FDA and some legislators want us all to simply watch the "boob tube", and be allowed to maybe consume a six-pack while the football game is on. (Like good little subjects!) I would urge everyone who is an ARRL member especially to raise hell with the League to oppose this folly. You can bet the ultimate goal is elimination of amateur transmitters, along with guns, and your gas lawn mowers, and gas automobiles. If you don't believe what I'm saying, be sure to read Al Gore's book! It is his "Mein Kampf" of his radical environmental ideas!

Just my "nickle's worth".

More info/documents at: <http://www.fcc.gov/oet/dockets/et93-62/73>,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: Hallicrafters SR-75 Transceiver

****RK-34(VT-224) tubes, Butternut HF2V antenna****

Date: Wed, 3 Sep 1997 23:27:18 -0700
From: phreique@juno.com
To: SKIPNC90@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [26157] Re: QRPp MW? (Not in My Physics Book!) & SPRINT
Message-ID: <19970903.233715.9710.0.phreique@juno.com>

I think the shortened version is:

not very cost effective if you have an emergency, and you need your dog,
milli's, flea collar.

hihihi! :-)

-Sterling W. Lombard (The Phreique) KB7JTZ
<http://www.primenet.com/~slombard>

On Wed, 3 Sep 1997 12:04:05 -0400 (EDT) SKIPNC90@aol.com writes:

>How do you send a lower case "M"
>in CW ? I did not know there was a
>difference set of characters for upper
>and lower case letters in CW.
>
>
>
>

Date: Thu, 4 Sep 1997 02:39:53 -0400 (EDT)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-1@lehigh.edu
Subject: [26158] w3Cv is going camping
Message-ID: <199709040639.CAA05508@smtp1.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello group,

I have a week to go camping starting Sept 27. I plan on bringing all of my QRP gear with me. My question to all of you is, what is a more desirable spot for the other end(you guys)? I either plan on West Virginia or Assateague Island Md. Iota NA-139. I could also get into Delaware easily, but have never been camping there and don't know of a good spot. If anyone needed one of these states, which would it be? I will be more than happy to go any of these spots to help with a needed QSL. I might even hit all if needed..... Any input? My only goal is to get away from work, I don't care where I go as long as I don't have to punch in :-))))

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV

" You may be on the right track, but will get run over if you just sit there"..... Will Rodgers

visit my web page at <http://www.erols.com/ke3nv/>

G-QRP 8773

QRP-L 728

NORCAL 1094

DL-QRP-AG *GM*

CQC 352

QRP ARCI-8804

scQRPion 38

AR-QRP 27

WARC QRP NUMERO UNO

CW OPERATORS QRP CLUB 484, FISTS, ARRL

Date: Thu, 4 Sep 1997 09:11:11 -0400 (EDT)

From: G4YND@aol.com

To: qrp-l@Lehigh.EDU

Subject: [26159] Could be a stupid question...but...

Message-ID: <970904091055_791793803@emout09.mail.aol.com>

Hi Guys.

My e-mail is downloaded automatically from AOL.

But when I come to read mail from this list, I often get people's answers before I get the item of mail they are answering!

I can live with it, but if there is a way of threading so that I can read the original item first, it would be wonderful.

I could then get on with QRP operating, instead of pondering the mysteries of

e-mail lists.

72, David, G4YND

Date: Thu, 4 Sep 1997 08:45:21 -0500
From: bill@taprov.com (Bill Cleveland)
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [26160] RE: ARRL Bulletin 049: Revisions to the RF Exposure Limits
Message-ID: <01BCB90E.E1D2CAA0.bill@taprov.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On Thursday, September 04, 1997 1:15 AM, Sandy W5TVW [SMTP:ebjr@worldnet.att.net] wrote:

> Good news? Partially, but not very! The "Docket" seems to say
> this is to help comply with standards sought by EPA and FDA to "protect the
> environment"

Well not exactly, I thought it was legislation to promote RF Safety. It is my understanding that these are not limits to the amount of transmitted power, only the maximum we can transmit before we take antenna location into consideration.

I believe as good neighbors we should take into account how much RF we are pumping into our neighbor's house. Unfortunately, I hear countless stories of hams saying "I'm licensed to transmit this much power!" and disregard the feelings of his/her neighbors.

There are a lot of appliance operators who would use up to the legal limit of power to communicate just a couple of miles, instead of using the minimum power necessary to maintain communications. All the while people must listen to voices of the ham next door coming out of their stereo, TV and anything else that's electronic. After all it is not our fault they purchased part 15 equipment. Unfortunately they complain to their legislators and make things difficult for the rest of our hobby.

If you are transmitting 100W and most of it is being radiated into your house, your yard,

or your neighbor's house, instead of it going out long distances shouldn't you be concerned that
your wasting all that power?

Let's not forget, the one thing we learn operating QRP is that we don't have to use huge amounts
of power to make a contact!

I think that a few inconsiderate hams has brought this legislation upon the entire amateur radio service.

Think about it. As far as your neighbor is concerned, if the FCC is going to give you the right to use
that much power, than the FCC should regulate where you can place your antenna.

I am not asking for any flames, just giving my opinion on why the FCC lift the safety exemption from
our amateur service.

73 de
Bill Cleveland, KR4TZ GRID: EM50vp QRP-L# 1184 ARS# 289
Mobile, AL ARRL MEMBER / AL Section ASM
email: bill@taprov.com

Date: Thu, 4 Sep 1997 08:53:16 -0500 (CDT)
From: rspenc@creighton.edu
To: qrp-l@Lehigh.EDU
Subject: [26161] jim cates email addr.
Message-ID: <Pine.HPP.3.95.970904084933.15118A-100000@bluejay.creighton.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi:

Could some kind soul please forward Jim Cates' email address to me? I haven't received the June QRPp yet (or summer edition) and I havevbeen offline for several months. I saved it on disk but can't find it right now (just moved cross country).

Email me direct. Thanks fer BW.

Rich WK2A

Date: Thu, 4 Sep 1997 10:05:20 -0400
From: rerobins@unccvm.uncc.edu (Rick Robinson)
To: ke3nv@erols.com
Cc: qrp-1@Lehigh.EDU
Subject: [26162] Re: Hamfest gel cells
Message-ID: <v02130507b03435e811a4@[152.15.144.13]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Scott,

I've had the same experience with the "new" 30AH Yuasa gel-cells for \$20. Must be the same guy. Now I don't buy any gel cell that reads less than 12.5 volts sitting in the box. Even that may not keep me from getting burned.

One of the things I carry in my hamfest backpack is a DVM. I also carry a B&K digital LRC meter for identifying

Date: Thu, 04 Sep 1997 09:02:48 -0500
From: "Mike B. Allred" <mallred@fscu.org>
To: qrp-1@Lehigh.EDU
Subject: [26163] Re: ladder-line and longwire (thanks)
Message-ID: <340EBF88.7A87@fscu.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my question, maybe I will be able to put up the antenna this weekend.

73, Mike

--

Phone: (205) 340-2000 ext. 2036
Wats: (800) 239-5515
Fax: (205) 340-2047
mailto:mallred@fscu.org

AR: KU4GU

Date: Thu, 4 Sep 1997 07:34:48 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: Bill Cleveland <bill@taprov.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26164] RE: ARRL Bulletin 049: Revisions to the RF Exposure Limits
Message-ID: <Pine.SUN.3.90.970904072341.7446C-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bill,

You are missing the point.

Wouldn't it be nice if we only had to worry about things that were real and not witch hunts?

It's like so many things the EPA and other "anti" gangs do. They just go off on ideas with no thought of reality.

95% of all visible science is working on projects that will either cost us money, reduce our standard of living or restrict even more of our freedoms!

Look at the BS that was going on about power lines. Or sleeping on or near electric heaters or blankets! All pure BS!

The real trouble is that we can now measure to such small units. We now look at numbers like 10 to the -12 or -14th. Background levels of "stuff" is now being worried about.

We have created a nation of cowards who are so worried about non issues that they can't even enjoy life!

The real sad part is that they have now come into a position to be able to force their paranoia on all of us!

Sorry for the non qrp bandwidth but this just hits one of my little hot buttons!

OBQRP:

Put your antennas up at least 85'..... :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 4 Sep 1997 11:01:26 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu
Subject: [26165] Hawaii on 3w SSB from the car!!!
Message-ID: <Pine.LNX.3.95.970904105846.3509E-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

0147z, 18.135 MHz last night, heading home from Home Depot in Silver Spring - a KH6 calling CQ, and he was strong, so I answered at 3w SSB with the whip on the car...turns out he was running 1.5 kW to a 7 element LP array, and he was 5x8 and I 5x3 -

But it was a QSO!!! Got my QRP Hawaii!

A few mins later, I switched over to 15, and the VKs and ZLs were booming in; unfortunately nobody was calling CQ.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

Date: Thu, 4 Sep 1997 10:22:35 -0500
From: wmcshan@REX.RE.ouhsc.edu (Mike McShan)
To: qrp-l@lehigh.edu
Subject: [26166] RE: ARRL Bulletin 049: Revisions to the RF Exposure Limits
Message-ID: <v01540b02b03479173300@[157.142.56.167]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Hi Bill,
>
>You are missing the point.
>

>Wouldn't it be nice if we only had to worry about things that
>were real and not witch hunts?

Actually, Bill makes some good points in his post... while we all need to be concerned with government regulators taking one or two pieces of data and making unwarranted regulations by extrapolation, the government could be justified in imposing regulations where the evidence justifies such. I believe that the problem here is timing... the data concerning hf RF exposure seems pretty weak at this time and any regulations thus premature. Bill's points concerning interference are good ones, however. Those of us living in urban settings have to be good neighbors to maintain the good will of our communities. One of reasons why I participate in public service events, etc. even though I don't particularly care for the 2M FM scene. QRP is cool by itself, but a definite side benefit is the lack of interference to your neighbors. We need public support to continue our existence.

>

(snip)

>

>95% of all visible science is working on projects that will either
>cost us money, reduce our standard of living or restrict even more
>of our freedoms!

I would like to see the reference for that statistic...

>Look at the BS that was going on about power lines. Or sleeping
>on or near electric heaters or blankets! All pure BS!

>

>The real trouble is that we can now measure to such small units.
>We now look at numbers like 10 to the -12 or -14th. Background levels
>of "stuff" is now being worried about.

You are right here ... I can't recall the exact numbers, but living next to the high voltage power lines was reported to increase your risk for some cancers from something like 1 in 10,000,000 to 2 in 10,000,000. Where I come from, that is statistical noise. However, Wayne Green is cold in his bed in the winter, now. Some satisfaction in that...

>

(snip)

>

>Sorry for the non qrp bandwidth but this just hits one of my little
>hot buttons!

Actually, these are important issues that require a lot of discussion and thought. It's the only way to separate out the real stuff from the badgers.

>

>OBQRP:

>

>Put your antennas up at least 85'..... :-)
>
Yea, right... in my 20' tall jack oaks....

72,
Mike N5JKY
Edmond, OK

Date: Thu, 4 Sep 1997 08:28:54 -0700
From: torell@sicom.com (Kent Torell)
To: qrp-l@Lehigh.EDU
Subject: [26167] propagation
Message-ID: <v02130500b034831f8dd4@[192.91.202.41]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Scott's report of around-the-world propagation last nite corresponded with a coronal mass ejection (CME) hitting. I didn't think it would do much, since it was forecast to be small (!), but I guess last night would have been a great dx nite! Now, it should be pretty bad, as the ionosphere is churned up. We should see more of this kind of stuff (I hear tell) as the sun spot activity heats up. Keep checking those bands :-)

excerpts from 0000 utc report: (note that it's good for USA, bad for alaska)

HF propagation conditions were normal to above-normal today. Equatorial, low and some middle latitude stations reported near-normal propagation until approximately 20:00 UTC. At that time, North American stations began observing enhancements in critical F2-layer frequencies and maximum usable frequencies. Enhancements between 40 and 60 percent above normal levels were common. At the time of this writing, some stations are still observing abnormally high maximum usable frequencies between 20 and 40 percent above normal levels. These enhancements are thought to be in response to the development of moderately strong levels of geomagnetic activity (producing a positive storm phase). High latitudes are below-normal levels and should remain below-normal for most of the next 24 hours. Primary concerns for high latitude propagation are levels of fading, multipathing and absorption. Although absorption through auroral processes shouldn't be very significant, levels of fading and multipathing will prove to be

the primary sources of signal degradation until conditions improve. Improvements in high-latitude propagation can be expected on 05 September. Middle through equatorial latitudes can expect propagation to become increasingly degraded over the next 12 hours as the negative phase of this disturbance takes over. Depressions in MUF of between 10 to about 30 percent below normal can be expected.

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A scQRPion 6,qrp-1 57,ARCI 9075 DM33xn 33.55 N 112.078 W

Date: Thu, 4 Sep 1997 11:50:38 -0400
From: rerobins@unccvm.uncc.edu (Rick Robinson)
To: qrp-1@lehigh.edu
Cc: ke3nv@erols.com
Subject: [26168] "new" gel cells
Message-ID: <v02130509b0343740627e@[152.15.144.13]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

After getting burned on a "new" 30AH Yuasa gel cell, probably the same guy, I've started carrying a DVM and a 10 ohm 10W resistor in my hamfest backpack. I eliminate the ones that are less than 12.5 VDC no load and I don't buy any gel cells that read less than 12 VDC loaded down. This may not keep me from getting ripped off again, but so far so good. The fellows that squawk about me doing it are the ones not to do business with anyway.

Another nice item to carry is a digital LRC meter for identifying values of variable caps and unknown inductors. The one that I have measures pF to uF and uH to mH.

72,

Rick kf4ar

Date: Thu, 4 Sep 1997 09:01:25 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>

To: Mike McShan <wmcshan@rex.re.ouhsc.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26169] RE: ARRL Bulletin 049: Revisions to the RF Exposure Limits
Message-ID: <Pine.SUN.3.90.970904085026.7772A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 4 Sep 1997, Mike McShan wrote:

Hi Mike,

Interference is another subject. Has nothing to do with the RF Exposure debate.

> >95% of all visible science is working on projects that will either
> >cost us money, reduce our standard of living or restrict even more
> >of our freedoms!
>
> I would like to see the reference for that statistic...

Just observations based on what I see here.

Ask yourself this,

When was the last wash and wear shirt? Watches that don't need winding? Plastics?

All that makes the news is the anti this or that.

There is a lot of very good science going on. But you don't read about it on the front page!

> However, Wayne Green is cold in his
> bed in the winter, now. Some satisfaction in that...

I just read his latest Never Say Die..... poor guy! I think the QRP ARCI Quarterly has more words about amateur radio than 73!

> Actually, these are important issues that require a lot of discussion and
> thought. Its the only way to separate out the real stuff from the badgers.

Yes, they do, but I don't think this is the best place! Most come here for QRP issues.

(I don't mind hitting delete for things I don't want, but others don't have the same conditions to work from!)

> Yea, right... in my 20' tall jack oaks....

Plant Rohn..... :-)

Check out my little tree holding my small wire antenna at:

<http://www.dancris.com/~ki7mn>

Gotta run, cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 4 Sep 1997 10:12:15 -0600
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [26170] Solar forecast explained (long)
Message-ID: <199709041612.KAA01642@zia.aoc.nrao.edu>

More explanations of the solar forecasts for those so interested ...
(Excerpt of the solar forecast; some portions deleted for brevity)

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 246 ISSUED AT 2200Z ON 03 SEP 1997

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100Z
TO 03/2100Z: SOLAR ACTIVITY WAS LOW. REGION 8076 (N28W54) PRODUCED
FIVE C-CLASS EVENTS. THE LARGEST WAS A C4/SF AT 02/2113Z.

(N28W54) is the latitude and longitude of the active area.
This area is currently approaching the right side of the sun,
meaning it will be around the limb in a couple of days, out
of view, and its activity will not be effecting the Earth.

Five C-class events from one area is a fairly active region.

Solar events are measured by their activity in terms of the
electrons, protons and x-rays it releases (and measured by both
Earth based and space based instrumentation). They are given

letter codes: A, B, C, M and X based on a logarithmic scale, such that an M-event is ten times greater than a C-event, etc. Further, they are given numbers from 1-9 to show where within the logarithmic scale they are measured, such as above, "C4 event."

A and B events are very low level and do not effect the Earth. C-class events can effect the earth if the electrons released are captured in the Earth's ionosphere.

M-class (Medium) events are fairly energetic and almost always will effect the Earth (by producing a significant solar wind).

X-class (Xtra large) are very energetic and are major solar events. Communications blackouts, knocking satelllites out of orbit, etc. are concerns when an X-class event occurs. X-class events also produce hard x-ray emissions, which can damage space borne electronics.

In short ... for the QRPer ... C-class events will likely cause the HF bands to be moderately noisy with periods of bursting; M-class events will likely cause very difficult conditions.

IB. SOLAR ACTIVITY FORECAST: GENERALLY, SOLAR ACTIVITY SHOULD CONTINUE AT A LOW LEVEL WITH OCCASIONAL C-CLASS FLARES FROM REGION 8076. CONTINUED RAPID GROWTH IN NEW REGION 8083 WILL RESULT IN C-CLASS EVENTS FROM THAT AREA ALSO. AN ISOLATED M-CLASS EVENT FROM REGION 8076 REMAINS A POSSIBILITY.

Again, indicating C-class events are expected, which could effect the Earth's geomagnetic field (low level to sporaidic storming). The possibility of an M-event could produce an active storming session on Earth and effect HF communications.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z
SOLAR WIND DATA SHOWED MODERATELY RAPID INCREASES IN VELOCITY AND DENSITY NEAR 02/2238Z. THIS DISTURBANCE IS POSSIBLY RELATED TO THE CME AND CORONAL MORETON WAVE OBSERVED LATE ON 29 AUG.

CME - A Coronal Mass Ejection, where solar mass is ejected outward from the solar surface along with energetic electrons.

A CME event is usually accompanied by a circular "shock wave" that travels outward from the CME event area along the surface of the sun. This has been visually observed and reported for years. However, recent radio and satelllite observations of the sun reveals that a CME produces a large bubble of high energetic electrons that expands outward from the sun, and this "shock wave" is not a physical shock wave of the solar surface, but the "footprint" of this bubble of electrons as it expands ... and is called a "Coronal Moreton (pronounced MORTON) wave." This is new science that has come about

in the last two years. When a CME occurs, accompanied with a Moreton Wave, it means a huge bubble of electrons is leaving the sun, in which the Earth will likely travel through in a few days. In this case, the actual CME event occurred on 29 August, which is just now effecting the Earth.

AT PRESS TIME DENSITY AND VELOCITY INCREASES (TO 25 P/CC AND 500 KM/S) WERE OBSERVED. GOES-9 (W135) EXPERIENCED A MAGNETOPAUSE CROSSING BETWEEN 03/2100-2110Z.

The Earth passed through this expanding bubble of electrons on 3 Sept., as detected by the GOES-9 satellite. The magnetopause is the outer perimeter of this bubble.

Here at the VLA observatory, our staff solar scientist, Dr. Tim Bastian, has been very helpful in explaining some of this new phenomenon to me. According to him, recent solar observations by the VLA to the Japanese SOHO satellite has drastically altered the science of the sun as we understand it, rendering much that is written about the sun to now be obsolete. In the past few years, some exciting new instruments have been deployed on both earth and space to monitor our sun. These solar scientists are looking forward to an active sun, just as we hams are, so these new instruments can be put to use. There are some major revisions to how our sun works and how it effects the earth being developed right now, of which I will share with the group as it comes along. (The reason I offer these explanations, as some of it is new understandings that is years away from being updated in text books).

Dr. Bastian is beginning to develop a web page on these new solar discoveries ... and he asked me yesterday if I could help him with it, as he wants to include the effects to ham radio in it, since MY reports to him how the ham bands are good or bad due to solar activity is actually a fascination to him. Nothing you can browse on yet.

But for those interested, the official solar web site is:
umbra.nascom.nasa.gov/sdac.html

Many of the visual and radio images are updated hourly at this site.

72, Paul NA5N

-----NATIONAL RADIO ASTRONOMY OBSERVATORY ----- Socorro, New Mexico -----
| VLA - Very Large Array Observatory - Worlds largest radio telescope |
| VLBA - Very Long Baseline Array - even larger |
----- (pharden@zia.aoc.nrao.edu) --- (73 de NA5N) -----

Date: Thu, 4 Sep 1997 09:08:52 -0700
From: rob3ert@juno.com (Robert G. Parks)
To: ke3nv@erols.com
Cc: qrp-l@Lehigh.EDU
Subject: [26171] Re: w3Cv is going camping
Message-ID: <19970904.091326.3662.2.rob3ert@juno.com>

Scott,

Have a great time wherever you go! I don't think my five watts and attic antenna will be able to reach you, but others with better antennas will, I'm sure.

73/73

Bob Parks
K6AEC (Las Vegas)

On Thu, 4 Sep 1997 02:39:53 -0400 (EDT) Scott Bauer <ke3nv@erols.com> writes:

> Hello group,

>

> I have a week to go camping starting Sept 27. I plan on bringing
>all of my QRP gear with me. My question to all of you is, what is
>a more desirable spot for the other end(you guys)? I either plan
>on West Virginia or Assateague Island Md. Iota NA-139. I could
>also get into Delaware easily, but have never been camping
>there and don't know of a good spot. If anyone needed one of these
>states, which would it be? I will be more than happy to go any of
>these spots to help with a needed QSL. I might even hit all if
>needed..... Any input? My only goal is to get away from work, I
>don't care where I go as long as I don't have to punch in :-)))

snip-----

Date: Thu, 04 Sep 1997 12:21:37 -0500
From: Christopher Moore <christopher.moore@snet.net>
To: qrp-l@lehigh.edu
Subject: [26172] Feed lines into shack

Message-ID: <1.5.4.16.19970904172137.491f1f02@mail.snet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Summer's a great time for operating because we can run the feedlines out a partially open window; but that won't do in Winter. The cleanest solution that I've thought of is to poke a small hole in the outside wall to accomodate a short length of coax which would be connected to a switch mounted outside.

Any sugestions on the type of antenna switch to use?
72/73, Chris W1GM

Date: Thu, 04 Sep 1997 12:48:16 EDT
From: ab5uacw@juno.com (Clifton W Sikes)
To: qrp-l@lehigh.edu
Subject: [26173] TU4EI Pirate?
Message-ID: <19970904.114337.5095.5.ab5uacw@juno.com>

Hi gang,

Worked this guy last night, long path. He was giving a stateside manager, and seemed very pleased to work a qrp station. Upon looking for the address, the given call had been changed via vanity call. I looked for him today via qsl-info search, and got W3HC as the manager, Not what he was sending. Just thought I would pass this along. If it sounds to good to be true, it probably is!!!!

72, Clif

Clifton Sikes AB5UA
Earlsboro, Ok.
ab5uacw@juno.com

Date: 04 Sep 1997 12:44:21 -0400
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: qrp-l;;
Subject: [26174] N sex? , weatherproof BNC?
Message-ID: <1997Sep04.124421-0400@[130.113.234.7]>

Ok, I'm embarassed here. Thought I had this figured out by now.

Seems that N-connectors are as hard to sex as little kittens,
or chickens.

I thought that sex was determined by the center pin,
connected to the coax. Seems that some N-connectors (mil?)
get sexed by different rules....anybody know them?

I'd expect that BNC connectors would be a good choice for QRP
use outdoors, because they're supposed to be weatherproof.
I'm wondering if, because of all the non-RF applications
(like ethernet) some can't stand the rigors of backpacking.
Is there a designation for a weatherproof BNC?

Date: Thu, 04 Sep 1997 12:51:41 -0400
From: Paul Cereste <cereste@myapc.com>
To: qrp-1@Lehigh.EDU, christopher.moore@snet.net
Subject: [26175] Feed lines into shack -Reply
Message-ID: <s40eafd6.067@myapc.com>

I have a 4 position Alpha-Delta coax switch which
has worked very well for me. It has the added
bonus of lightning surge reduction. It needs a
ground, and it would have to be in a wx resistant
box, but it should work.

I've seen other brands that are similar. Gud luck.

73, Paul K1CGZ

Date: Thu, 04 Sep 1997 13:07:51 EDT
From: w4bws@juno.com (Donald E Sanders)
To: ccart@dns.vidtel.com
Cc: qrp-1@lehigh.edu
Subject: [26176] Re: Messages from abaforum.es ??
Message-ID: <19970904.131905.5087.0.W4BWS@juno.com>

Yes I got the same message with my returned e-mail.
Don W4BWS

On Wed, 3 Sep 1997 14:40:35 -0400 (EDT) Chris Cartwright
<ccart@dns.vidtel.com> writes:
>

>Is anyone else getting a "No Such User" message (see below) when they
>post? Hate to bother the list, but I'm trying to find out who to yell
>at
>;) Respond via email.
>
>Date: Wed, 03 Sep 97 20:32:42 +0200
>From: MDaemon@abaforum.es
>To: ccart@dns.vidtel.com
>Subject: Warning: No Such User!
>Parts/attachments:
>
>
>-- Chris Cartwright, Technical Engineer | ccart@vidtel.com
> --
>-- N3XRV QRP WAS 17/9 (w/c) | ccart@erols.com
> --
>-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? |
>http://dns.vidtel.com/~ccart --
>-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00
>QSL's=00 --
>
>
>
>
>

Date: Thu, 04 Sep 1997 10:03:14 -0700
From: laura halliday <ve7ldh@direct.ca>
To: leinwebe@mcmail.CIS.McMaster.CA
Cc: qrp-l@Lehigh.EDU
Subject: [26177] Re: N sex? , weatherproof BNC?
Message-ID: <340EE9D2.6BC0BB69@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Glen Leinweber wrote:

>
> Ok, I'm embarrassed here. Thought I had this figured out by now.
> Seems that N-connectors are as hard to sex as little kittens,
> or chickens.
> I thought that sex was determined by the center pin,
> connected to the coax. Seems that some N-connectors (mil?)
> get sexed by different rules....anybody know them?

Easy! Male N connectors are the ones with the thread on the inside.

Female ones have the thread on the outside. The male connector has the centre pin and the connecting sheath around it. The female connector has the (hollow) centre pin for making the connection.

> I'd expect that BNC connectors would be a good choice for QRP
> use outdoors, because they're supposed to be weatherproof.
> I'm wondering if, because of all the non-RF applications
> (like ethernet) some can't stand the rigors of backpacking.
> Is there a designation for a weatherproof BNC?

I favour TNC connectors for this. They're the same size as BNCs - they are, in effect, threaded BNCs - but have the RF performance and mechanical stability of N connectors. They used to be an exotic item years back, but are fairly common now thanks to 800 MHz land mobile radio and such.

TNC connectors work as well as N connectors (for low power applications, anyway), but are much easier to be around...

--

Laura Halliday "C'est une femme mutine, assez elegante,
ve7ldh@direct.ca grave et legere, ayant le sens
Grid: CN89mg du confort et du plaisir en tout."
 - C. Deneuve

Date: Thu, 4 Sep 1997 12:29:47 -0500
From: bill@taprov.com (Bill Cleveland)
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [26178] RE: ARRL Bulletin 049: Revisions to the RF Exposure Limits
Message-ID: <01BCB92E.3C2ABFC0.bill@taprov.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On Thursday, September 04, 1997 11:01 AM, Monte Stark [SMTP:ku7y@sage.dri.edu] wrote:

> Interference is another subject. Has nothing to do with the RF
> Exposure debate.

The government never lets the facts get in the way of legislation!

Our government is a reactive government (I.E. it responds to the demands of its constituents) rather than a proactive one (I.E. make decisions based on sound reasoning, maybe before such a need is evident).

The point I was making is that regardless of the reasoning behind RF limitation, the FCC PROBABLY lifted our exemption status not from a safety stand point but rather as a way of cooling down some criticism from non-hams (possibly a neighbor).

This could have been prevented if a few of our more "trouble-some" hams, would not have used the "I have a license to run this much power so you'll have to live with it!" stance. The government "fixed" this problem by lifting our safety exemption. Think about it, will the FCC inspect every antenna sight? NO, just the ones with the irate neighbors.

I am not saying this is right (which it isn't) or fair, but it is simply a fact of life.

We must remember that our legislature represents everybody, not just us. This is why we must police ourselves, or at least show some restraint and responsibility. Remember when it comes to policy making the squeaky wheel is the one that gets lubed...

>95% of all visible science is working on projects that will either
>cost us money, reduce our standard of living or restrict even more
>of our freedoms!

That's bunk and a over generalization that doesn't apply in this case. In the interest of saving bandwidth, I won't comment unless it has some relevance to the FCC RF Limitations.

> Actually, these are important issues that require a lot of discussion and
> thought. Its the only way to separate out the real stuff from the badgers.
>
> Yes, they do, but I don't think this is the best place! Most come here
> for QRP issues.

I agree that RF limitations shouldn't be in a QRP discussion, especially since the power necessary to reach those limits are outside the realm of QRP. This would be better served in a QRO discussion.

However, I replied to an alarmist and used QRP as a fact that excessive power is not always warranted. Besides if someone introduces a thread and another comments, I at least should be able to put my 2 cents in ;-)

Sorry about the BW

73 de

Bill Cleveland, KR4TZ
Mobile, AL

GRID: EM50vp QRP-L# 1184 ARS# 289
ARRL MEMBER / AL Section ASM

email: bill@taprov.com

Date: Thu, 04 Sep 1997 13:51:08 EDT
From: kq0i@juno.com (Mark R Milburn)
To: qrp-l@Lehigh.EDU
Subject: [26179] ARLB 049
Message-ID: <19970904.125026.7463.0.KQ0I@juno.com>

Like all the decision making-process in a free society, this subject is messy..... and as usual, we ALWAYS tend to go overboard in one way or another. First we go from not thinking about something at all.....and then we go to giving it so much consideration it doesn't make sense. We have never given much thought to the effect of radiated energy, and that wasn't such a hot idea...and now we're giving it more thought than it probably needs. But over time, we can feel pretty sure that we will come to some reasonable middle ground where we take necessary precautions without shutting down radio emissions altogether.

ARLB 049 is just telling us about one step along that process. Their first ideas were too stringent, and now they are backing down to a more reasonable position. Depending on who yells the loudest and in the right ears, they may back down further.

Too early to get all excited and start yelling at each other.

72/73 Mark

KQ0I @ WOAK.#CIA.IA.USA.NOAM e-mail: kq0i@juno.com
ARRL-DMRAA-QRP-L #625-NORCAL #1829-ARS #139-NW QRP #418-QRP ARCI #9226

Date: Thu, 04 Sep 1997 10:49:32 -0700
From: Ed Loranger <we6w@qsl.net>
To: ve7ldh@direct.ca, leinwebe@mcmail.CIS.McMaster.CA
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26180] Re: N sex? , weatherproof BNC?
Message-ID: <340EF4AC.67B2@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Already sent a more detailed response to Glen. But Laura mentioned the Threaded connectors. A major advantage that the BNC's with the locking cap is that they are solid connecting even with vibration. For rugged use I would expect the BNC to last longer. The threaded conn's always get loose.

ALSO: There are many different styled BNC's. In the RF Industry they have both DC and RF styles. Also, the coax used, (we use 100% braid) on the RF style BNC's sets performance.

There are Crimp-on, Solderable, DC, heck you have to be careful which BNC you buy! Many flavors of center pin to coax transition diameters as well. Also different quality locking springs per some manufacturers.

Stay under about 2 GHz with well-made BNC assemblies unless you have measured performance data for higher frequencies.

My \$.02

Challenge: [The blue raven operates BUBBA CW in full sun]

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Thu, 04 Sep 1997 10:08:31 -0800

From: "Jim (AL7FS), Nancy (KL7NY) and Juliann (WL7MP) Larsen"

<larsennc@alaska.net>

To: qrp-l@Lehigh.EDU

Subject: [26181] AL7FS Contest Comments - 9/97

Message-ID: <340EF8DF.7ED4@alaska.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Greetings from Alaska,

I want to thank each of you for the effort you made to work me in the Bubba and MI QRP Sprints this past weekend. The total station count for

the two 4 hour periods was 60 different stations.

AA4XX	KA3WMJ	N5JKY	W7MVJ
AA7QU	KB8TVZ	N7CQR	W7QQQ
AB5UA	KD6VIO	N7KT	WA0UIG
AB7MK	KF6NKS	N7MOB	WA1QVM
AB7MY	KG7OM	N7VE	WA2GSX
ABT7	KJ7NS	VE6ADM	WA5WHN
AC5AM	KQ0I	VE9VIC	WA8LCZ
AE0Q/7	KR0I	W0CLR	WA9PWP
EA8YU	KU7Y	W0YSE	WB0WQS
K0EVZ	KV7X	W1EAT	WB6LOA
K1MG	N0BF	W2SUE	WB8FUI
K4BAI	N0UR	W3PNL	WB8TPM
K4NK	N2G0	W5FN	WE6W
K6RPN	N3LAZ	W5VBO	WQ8RP
K8NWD	N4BP	W6SIY	WS8D

I operated the Bubba contest from the KL7Y station and the MI contest from my home QTH.

KL7Y was a 5 element beam at 125 feet or a 4 element beam at 75 feet or both.

AL7FS was a KLM KT34A tribander at 40 feet.

I had a great time but did wish the propagation had been two way. I usually received great RSTs from the Lower 48 but could only give out a lot of 339, 449 and some 229 reports. There were only a smattering of RST 5x9 reports that I gave out.

A few notes from the comment section of my log:

- N0BF, Steve, you were really a 229 and tough, but we made it.
- N7KT, Roger, sorry about the near dup...don't remember who called who
- EA8YU, Goran, copied you at 2212Z with the beam east. Got QRZ.
Worked you with the beam north.
- NF0R, Dave, neat to work the inventor of the SLV after the Bubba contest. And you were even on an unmodified SLV putting a 539 into Alaska. Not bad, guy.
- N5FIH, Bill (don't know if you are QRP-Ler) Your QRO 559 with you trap dipole in the attic and your willingness to try QRP was great fun. As you said, "This is a first for me". Your 439 2xQRP QS0 is in my log.
- N3LAZ, in PA stuck with it and we finally made it. QSB gone at 0057 but 339 good at 0208Z. Got you even at .400 higher than my freq. (Aren't you glad I always tune after every CQ? WB8TPM was also .400 high.)
- N5JKY, OK at 229 was the toughest contact of the entire contest. It

took about 5 minutes but we made it.
-- WB6JBM/8 got ate up by the QSB at 0202Z. Next time.

So there you have it. More than you wanted, no doubt.

Again, thank you to all for your patience and willingness to stick in there to work me. Turn your beams and dipoles and verticals towards Alaska from time to time and we can work again. :-)

73, Jim, AL7FS

--
Jim Larsen
Anchorage, Alaska
Acupressure Anchorage
AL7FS ex-WA0LPK / KL7
2 meter WAS #36
Vision VR40

Date: Thu, 4 Sep 1997 18:46:56 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: ham@w3eax.umd.edu, qrp-1@Lehigh.EDU
Subject: [26182] Re: Hawaii on 3w SSB from the car!!!
Message-ID: <19970904184654.AAA704@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:01 PM 9/4/97 +0000, you wrote:
>0147z, 18.135 MHz last night, heading home from Home Depot in Silver
>Spring - a KH6 calling CQ, and he was strong, so I answered at 3w SSB with
>the whip on the car...turns out he was running 1.5 kW to a 7 element LP
>array, and he was 5x8 and I 5x3 -
>
>But it was a QSO!!! Got my QRP Hawaii!
>
>A few mins later, I switched over to 15, and the VKs and ZLs were booming
>in; unfortunately nobody was calling CQ.
>
>* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
>*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
>** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
>* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *
>
>
> Don't be bashful! Try to break in on QSO's when the band is open!

Years ago I routinely worked the VK's and ZL's on 20 SSB with an early Ten-Tec "Argonaut" running about 2-3 watts out into a "hustler" mobile antenna from the car!

The most exciting night I remember was early in the morning here in South Louisiana (around 0700-0800Z) while waiting on a tugboat near Baton Rouge on the levee. I worked the tail end of a Pacific net on either 15 or 20 meters (don't recall the exact band now!) Worked two KH6's, one on Guam, one in Caroline Islands and American Samoa all with the mobile Argonaut!

It can be done, but requires persistence! There isn't anything like working a station on the other side of the world with less power than it takes to light a "courtesy lamp" in the car!

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: Hallicrafters SR-75 Transceiver

RK-34(VT-224) tubes, Butternut HF2V antenna

Date: Thu, 4 Sep 1997 18:47:00 +0000

From: Sandy W5TVW <ebjr@worldnet.att.net>

To: bill@taprov.com, qrp-1@Lehigh.EDU

Subject: [26183] RE: ARRL Bulletin 049: Revisions to the RF Exposure Limits

Message-ID: <19970904184654.AAB704@LOCALNAME>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 01:45 PM 9/4/97 +0000, you wrote:

>Well not exactly, I thought it was legislation to promote RF Safety. It is my understanding

>that these are not limits to the amount of transmitted power, only the maximum we can

>transmit before we take antenna location into consideration.

>I think that a few inconsiderate hams has brought this legislation upon the entire amateur radio service.

>Think about it. As far as your neighbor is concerned, if the FCC is going to give you the right to use

>that much power, than the FCC should regulate where you can place your antenna.

>
>

Bill,

Obviously, you haven't read the FCC Docket that is the proposed "rule making".

This WAS NOT brought about by any "inconsideration" of amateurs as regards excessive use of power. It was something that EPA/OSHA/FDA and other "alphabet soup" bureaus have mandated, as far back as 1969, but deferred implementation of! The FCC is just the "enforcement arm" of this legislation, which allegedly is to "protect the environment" and "protect the public".

A lot of it is based on "what ifs" and "maybe it might" theories and data.

Very much like the CFC ban based on incomplete data which seems to ignore the extreme emission of CFC type compounds by volcanic activity.

Read the docket, it's LONG! I think it could lead to total ban on amateur activity by overzealous local politicians, and lawsuits against amateurs by money hungry lawyers. This is the REAL danger. Just look at the almost completely absurd lawsuits being spurned by the "second hand smoke" syndrome! I can see radar manufacturers, satellite communications companies being sued by seagoing personnel and technicians, for alleged "damage" done to them by equipment in the microwave region. Certainly there is a hazard, but there is also a hazard to staying in the sun too long! (Much more than being around a transmitter running a KW on the HF band!)

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: Hallicrafters SR-75 Transceiver

RK-34(VT-224) tubes, Butternut HF2V antenna

Date: Thu, 04 Sep 1997 14:15:38

From: Steven Weber <kd1jv@moose.ncia.net>

To: qrp-l@Lehigh.EDU

Subject: [26184] SA/SA shipped!

Message-ID: <3.0.1.16.19970904141538.289fe9ac@mailhost.ncia.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi SA/SA gang,

Just put about half of them in the mail (19 to be exact). The rest go out tomorrow and few straglers Saturday.

Tin those irons, find those tools, clean off the work bench and start stalking the mail box :-)

73,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 04 Sep 1997 13:18:33 -0600 (CST)
From: Bruce Rattray <rattray@siast.sk.ca>
To: qrp-l@Lehigh.EDU
Subject: [26185] QRP Workshop Report (long)
Message-ID: <7333181304091997/A02907/RIEL/11B923522100*@MHS>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1
Content-transfer-encoding: QUOTED-PRINTABLE

Well July has come and gone and along with it the Saskatchewan Provincial
Hamfest. As some of you may know Earl, VE5WF, and myself gave a QRP =
Workshop
for 2 hours during the hamfest. It was a great success. Someone on =
the QRP-L
list suggested that a short summary of the workshop might be useful. =
Besides,
a lot of the ideas presented in the workshop came from QRP-L member=
s and they
all went over quite successfully.

Earl & I prepared the workshop room by drawing a schematic of the 2N2=
222 xmtr
which was to be constructed by those in attendance, placing 12 pil=
es of old
newspapers (we had put together enough components for 12 xmtrs) on th=
e tables
so as to protect the surfaces from being marred during construction, =
laid in

power extension cords and placed the tools necessary for this project= at each of the 12 tables, placed a bag on the presentor=92s table which held= various components of the presentation. I also had 2 copies of my script and= Earl had a third copy, (Murphy is always present!..hmmm, Earl=92s last name is Murphy...hmmmm), the Handouts were placed in position to be picked = up at the end of the workshop.=20

I began the workshop with silence, just looking at the audience. Wh= en the general chit chat died down and I knew I had their attention, I used = an idea I saw on the QRP-L and held up two balls and very seriously intoned "Yo= u gotta have a lot of these to do QRP!" There was a brief pause and then ev= eryone laughed out loud ! The ice was broken and I began by going through = some of the common Q codes, QRM, QRN, QTH which naturally lead to QRO and QRP= .=20

Throughout the presentation I peppered it with "one liners", again = procured =66rom the QRP-L group (You know you=92re a qrper when the electrica= l company has a power failure and you don=92t notice because you=92re in the middle= of a great qrp qso!) and then held up 2 signs. One sign said GROAN! And the oth= er sign said "APPLAUSE!" The audience chose which sign by either GROANING or APPLAUDING. This had the effect of making the workshop interactive a= nd it worked very well. The people in attendance had a great time with thi= s.

I showed a big tube as QRO and then a transistor as QRP; a very larg= e capacitor as QRO, a small capacitor as QRP, a large power supply as Q= RO, a battery as qrp, etc. At this point I gave a short description of how= I got into qrp and included more "one liners". =20

I addressed the question of "Why run QRP?" During this I drew an S m= eter on the whiteboard and showed the differences in received signal levels f=

rom 100

watts down to 0.39 watts, again taken from the QRP-L group on the Internet.

Then I gave a short history of QRP showing higher power levels were not needed

to communicate over great distances. I included here a report from the

Reuter=92s News Agency about NASA pulling the plug on Pioneer 10 whose last

message back to Earth was a billionth of a trillionth of a watt in strength

(thanks to the QRP-L group). Does this mean that everything we=92ve said during

our amateur radio years is still out there? Maybe some of us should hire a

good lawyer!...HI HI... Everyone had a real good chuckle mulling this thought

over! Some had worried expressions on their faces!

I then introduced the audience to the QRP-L group and showed how this is the

"glue" that helps to hold everyone together and that QRP is the fastest growing

part of Amateur Radio today. I described some of the various QRP Clubs on the

North American Continent and other parts of the world. Here, I gave a plug for

the QRP get-together at the Dayton Hamfest. I talked about the various qrp

projects that are a great part of the fun; rainbow tuners, 38S, etc. = I showed

how qrp is being done everywhere and told them about the QRP Field Day event.=20

Fox hunting was next and I=92m thinking that there just might be a few more Ves

in this event this year. =20

I talked about homebrewing and kits, describing some of the kits that are

available as well as parts that are available, where one can get them= (I

included brochures from 2/3 companies who were kind enough to send them to me

for the workshop), the very reasonable prices and how this puts the fun back

into the hobby for many. A brief mention of VK0IR and how Heard Island was

worked with qrp and that qrp is going to really take off as Cycle 23 = starts

opening up 15 and 10 mtrs.

=20

I then introduced Earl, VE5WF, who did a show & tell using his SWL GM=-20mtr cw

transceiver, his 2N2222 xmtr as well as showing some construction techniques.=20

Earl showed a Ramsey xmtr and receiver brought to the show & tell by = Bill,

VE5EE. I did the same using the SWL 30 mtr cw transceiver, the TICK = keyer, the

SWL 20 mtr ssb transceiver and the WM-2 wattmeter. Grant Hannon , VE= 7PTW,

really sparkled the show & tell with his two 80 mtr ssb scratchbuilt transceivers which included frequency readouts. I tried to think of = how I

could "borrow" these rigs for a "very long" time but was unable to do= it. I

did however use a towel to wipe up my droolings as I observed Grant= =92s fine

rigs. This QRP Group from British Columbia is doing some fantastic = work out

there and I know I would dearly love to see a kit or two come out of = their

efforts.=20

Prior to the workshop Earl & I worked hard to gather the parts for 12= qrp 40/80

mtr xmtrs which provided the hands-on part of the presentation. Earl= & his son

manufactured 12 beautiful heavy gauge aluminum chassis for the xmtrs.= Larry,

VE5TP, picked up some of the parts from the Dayton flea market. Earl= also

picked up some 80 mtr xtls from someone on the QRP-L group. I=92m tr= ying to

remember who that was as without these xtls things would have been mo= re

complicated. Earl then took front stage & centre and did a great job= of

guiding everyone through the building of the xmtrs. As it turned out= we would

have needed a little more time (or get me to shut up sooner!) and I= =92m sure we

would have had signals on the air. =20

=20

As the 2 hours came to an end, we drew for the three 38S transceiver = kits (we

purchased 2 kits from the NorCal group and one kit from Phil Rutledge=
, K1HS, in
Amherst, NH) and three new qrp enthusiasts went away happy with a r=
ig to
build and hopefully we=92ll hear them on 30 mtrs this winter.

The Handout included the 2N2222 article & schematic, list of QRP Clu=
bs + urls,
list of QRP Nets, list of QRP frequencies, information about Oak Hill=
Research,
Embedded Research (they couldn=92t believe the size of the TICK keyer=
, HB
Electronics, Dan=92s Small Parts, the NorCal Home Page, the Alaska QR=
P Home Page
and some which I have forgotten but this gives you the idea.

Many, many thanks to everyone who contributed ideas which I used in t=
he
workshop. If Earl and I ever give the presentation again sometime, a=
ll the
ground work has been done and I m sure we can do an even better job n=
ext time.=20
As of the writing of this report, Earl just heard from one of the peo=
ple who
took the 2N2222 xmtr home and it has been completed and is on the air=
. So now
it=92s time to finish the TICK and build my SWL 20 mtr ssb qrp transc=
eiver. I
was about to order a Sierra but then I picked up an e-mail about NorC=
al=92s next
project...hmmmmm...maybe I=92d better wait and see!...HI HI...72 - Br=
uce (VE5RC)
QRP-L#886
"QRP! How sweet it is!"

e-mail: rattray@siast.sk.ca

Date: Thu, 04 Sep 1997 13:59:31 -0600 (CST)
From: Bruce Rattray <rattray@siast.sk.ca>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [26186] question
Message-ID: <4631591304091997/A02957/RIEL/11B9237B1E00*@MHS>
MIME-version: 1.0

Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Anyone know where I can find information on the Standard CMP123 earmike as mentioned in a message back in June?...tnx & 72 - Bruce (VE5RC) QRP-L#886
"QRP! How sweet it is!"

e-mail: rattray@sias.sk.ca

Date: Thu, 04 Sep 1997 16:11:20 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: we6w@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26187] Re: N sex? , weatherproof BNC?
Message-ID: <340F15E8.9F4@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

>
> Already sent a more detailed response to Glen. But Laura
> mentioned the Threaded connectors. A major advantage that
> the BNC's with the locking cap is that they are solid
> connecting even with vibration. For rugged use I would
> expect the BNC to last longer. The threaded conn's always
> get loose.

Since we are on the subject of determining BNC sex.....

My GPS on the day job is set up with a bunch of patch cords connected with BNC's. I spend a fair amount of time offshore and the GPS connectors are continually exposed to salt spray. After several outings, the connectors are a mess. One solution is to spray the fittings with WD-40 after each use. I would rather find a waterproof (rubber jacketed?) connector that I can just wash down with fresh water at the end of the day. Lacking that, I am willing to use a different plug to terminate the cable. My main concerns are low maintenance and minimal corrosion.

Any suggestions?

Henry

Date: Wed, 3 Sep 1997 22:14:28 +0100
From: "Graham Firth" <Graham.Firth@btinternet.com>
To: <qrp-1@Lehigh.EDU>
Subject: [26188] Further to Porky Pig & CW
Message-ID: <E0x6iQe-0000km-00@helium.btinternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi

Quite by coincidence, I walked into a music store last week & saw a new Peter Sellers cassette. I am a fan - so I bought it.

The last track on one side is called Night and Day - yes the Cole Porter song - but with a difference! Peter Sellers introduces the track with a tale of wartime morse tappers in the North Atlantic.

There is nice orchestral music --- but the words are all in cw - the complete words at that! At a fair old speed as well, to keep up with the music! In fact they speed up a bit in the middle to keep up. Unfortunately, there is no mention of this track in the notes, nor is there a date. I've never heard it before & I have hundreds of Sellars tracks.

Isn't it a coincidence though!

72/3

Graham

G3MFJ/AB7VN

Date: Thu, 04 Sep 1997 13:32:27 -0700
From: Ed Loranger <we6w@qsl.net>
To: henryf@quartz.gly.fsu.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [26189] Re: N sex? , weatherproof BNC?
Message-ID: <340F1ADB.519E@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Maybe someone has a better idea.

Good question.

How about temporarily putting some vacuum tubing over the center pins and spraying some type of salt-water proof laquer over the external parts?

I shudder at the thought of tossing buckets of water over any RF connectors, but hey, we're not always in the lab.

There is also a product of tool rubber that anything can be dipped into and be coated. Not sure how salt-water proof it is but might work.

I don't know if aftermarket 'booties' are available for BNC's, and you'd probably get seepage at the equipment panel anyway.

I don't think you'll have any problem with a spray coating.

Good Luck.

73 de Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Thu, 4 Sep 1997 16:48:35 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [26190] Re: N sex? , weatherproof BNC?
Message-ID: <Pine.LNX.3.93.970904164426.2049D-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 4 Sep 1997, Ed Loranger wrote:

> I don't know if aftermarket 'booties' are available for
> BNC's, and you'd probably get seepage at the equipment

I've seen these booties on ethernet connetors (RG58 cheapernet) but they seem to be more for strain relief than weatherproofing. Plus they make it a real pain in the butt to "unscrew" the connector, usually end up peeling it back to get a good "grab" on the connector. I'll look in the Boat/U.S.

catalog and see what they have for marine grade connectors, the definitely wont be cheap! 72

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --  
-- N3XRV               QRP WAS 17/9 (w/c)   |       ccart@erols.com       --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? | http://dns.vidtel.com/~ccart --  
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --
```

Date: Thu, 4 Sep 97 14:09:43 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [26191] Soapbox for the August Spartan Sprint (Long)
Message-ID: <199709042108.0AA11336@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>From Gary, N40LN

COMMENT: HAD GREAT TIME AND LOOK FOREWARD TO NEXT MONTH. 20 METERS WAS IN GREAT SHAPE.
ONLY CONFUSION WAS HAVING THE MI SPRINT AT THE SAME TIME.

>From Ken, VE3ELA

This was my first Spartan Sprint. Used a Heathkit HW-9 running 3 watts out to an end-fed wire, from home. The tubbiness of my setup is due to using a car battery (25 lbs). Will look into other possibilities for next month. Also participated in the Michigan QRP Sprint, going on at the same time!

>From John, K6PZB

Sorry Russ, but when I worked you my key fell apart in my hands and the keyer started in on its own! Boy were the bands full of QRN here.

>From Randy, AB7TK

For the September SP I had the use of a TH7DXX at 110 feet for 20 meters.

I worked 23 stations using the Sierra, an 8 pack of AAs, an earpiece, and G4ZPY paddle for a weight of 2.3 lbs. The MI QRP test sure put a lot of folks on the air. I worked the first two hours of it, but only tried to contact 2 stations again for the SP.

>From Tim, KB9LGJ

All the Michigan contacts helped quite a bit. It wasn't too bad having two QRP contests running at once! Rig was an SST on 20 with internal cellular phone battery pack. Gave enough juice for 2 hour contest plus some to spare.

Only 40M. Did not get all the bugs out of the SW-20.
Same gear as other times: SW-40, ear buds, 10x AAA NiCads, and homebrew keyer and paddle. Ant: 60 foot high inverted vee.
Worked the Spartan and Michigan sprints at the same time. Gave MI number and Tx power as exchange.
Lost about 15 minutes from my Monday night sked.

>From Jack, W7QQQ

Much more activity this time, added to the fun.
Eleven of 32 QSO's were Michigan QRP club members.

Thanks goes to AL7FS for his persistence!

>From Don, WF6B

This is a fun event. Lost some weight in power supply (batteries), but performance still good with SST-20.

>From Richard, KI6SN

>From reports of others, my late start cost me some great propagation on 20 meters. As it turned out, I managed only one contact on 14 MHz, apparently just as the band was folding. On 40 meters, static was king -- area thunderstorms were blasting away. My sincere thanks to all who pulled my 1-watt out of the noise. Stations worked included: K4BAI (GA), AA7QU (OR),

N6WG (CA), K0FX (CO), K6PZB (CA), K50I (NM), N6YD (CA), AB7MY (AZ), K06KA (CA), AE0Q (WY), WA6NAE (CA) Great operators, all. See you for October's fling.

>From Mike, WS8D

I love these Sprints!...It was even more fun with the MI-QRP Sprint going at the same time!

Date: Thu, 4 Sep 97 14:09:45 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [26192] RESULTS FOR THE AUGUST SPARTAN SPRINT
Message-ID: <199709042108.0AA11339@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

The August Spartan Sprint was notable in many ways. It was the Second Annual Accidental Twofer (overlapping with two hours of the Michigan QRP Club Labor Day Sprint; it was the first sprint in which we had a herd of radios weighing less than 1.5 pounds; and it was an opportunity for Jack, W7QQQ to show his stuff. Congratulations to all of the remarkable builder/operators who participated!

The top two finishers in each category will receive handsome certificates (the Contest Manager is not eligible). By way of reminder, each 40 meter contact received one point and each 20 meter contact received two points. Whenever a log does not include station weight, we stipulate a weight of 30 pounds.

To make the tables line up correctly, set your email reader with a monospaced font.

Results sorted in order of points per pound.

Name	Call	40 M	20M	Total	Weight	Points/ Pound
W7QQQ	Jack	0	64	64	.8	80.00
W3TS	Mike	37	0	37	.8	46.25
WF6B	Don	0	32	32	.8	40.00
AA7QU	Russ	21	70	91	2.7	33.70
AB7TK	Randy	0	46	46	2.3	20.00

K6PZB	John	4	20	24	1.25	19.20
KF6CTA	Dick	0	18	18	1.1	16.36
KB9LGJ	Tim	0	16	16	1	16.00
KI6SN	Richard	10	2	12	2.8	4.29
K06KA	Rob	6	38	44	14.8	2.97
K8WI	Bill	7	12	19	15	1.27
KA5T	Larry	2	32	34	30	1.13
N40LN	Gary	5	26	31	30	1.03
WS8D	Mike	18	20	38	50	0.76
VE3ELA	Ken	12	0	12	37	0.32

Results sorted in order of points.

Name	Call	40 M	20M	Total
AA7QU	Russ	21	70	91
W7QQQ	Jack	0	64	64
AB7TK	Randy	0	46	46
K06KA	Rob	6	38	44
WS8D	Mike	18	20	38
W3TS	Mike	37	0	37
KA5T	Larry	2	32	34
WF6B	Don	0	32	32
N40LN	Gary	5	26	31
K6PZB	John	4	20	24
K8WI	Bill	7	12	19
KF6CTA	Dick	0	18	18
KB9LGJ	Tim	0	16	16
VE3ELA	Ken	12	0	12
KI6SN	Richard	10	2	12

Thanks for your support of the Spartan Sprints!

Russ Carpenter, AA7QU
Contest Manager for the Adventure Radio Society

Date: Thu, 4 Sep 1997 17:11:40 -0400
 From: Craig LaBarge <LaBarge_C@compuserve.com>
 To: QRP-L Mailing List <qrp-l@Lehigh.EDU>
 Subject: [26193] Callsign lookup via email?
 Message-ID: <199709041711_MC2-1F28-E9E9@compuserve.com>
 MIME-Version: 1.0
 Content-Transfer-Encoding: quoted-printable
 Content-Type: text/plain; charset=ISO-8859-1

Content-Disposition: inline

Gang:

Forgive me if this is a bit off-topic. Can anyone steer me onto a callsign data base that can be accessed via =

email? I had been using "lookup@qrz.com", but the last few times I tried it, it didn't respond. Are there any others out there?

73, Craig WB3GCK

Date: Thu, 4 Sep 97 17:12:53 EDT
From: Joel Malman <malman@BBN.COM>
To: qrp-1@Lehigh.EDU
Subject: [26194] Next Question ...
Message-ID: <199709042114.RAA120901@nss2.CC.Lehigh.EDU>

Folks,

Thanks to all re the Russian call signs. What a mess!

Anyways, my next question...

I have been getting away with a G5RV installed in the woods behind my condo now for a few years. And I think I would like to install a stealth vertical for 30 meter QRP. I have some pretty high trees, so a (thin) wire vertical, feed with coax might just be something the condo association will not notice.

I have thought about installing a GAP vertical in the woods, and painting it to match the trees and leaves, but it would be just a bit to visible.

So back to the stealth wire... The question is: should I just think of this antenna as vertical dipole? Use the standard $468/\text{Freq}$ formula? Can I just lay the counterpoise on the ground? I'm not looking to run contacts at the next CQ WW Contest, just experiment and have some fun with a vertical antenna.

I have been told that a vertical antenna is another name for a noise collector. Oh well. Guess I will just have to decide for myself.

/joel walqvm (malman@bbn.com ... Concord, Ma.)

Date: Thu, 4 Sep 1997 15:21:00 -0600
From: "Zoerb, Ron" <Zoerb.Ron@tci.com>
To: "'qrp-l.post'" <qrp-l@Lehigh.EDU>
Subject: [26195] RE: Looking for QSO with NE and HI
Message-ID: <199709042124.PAA07336@peacock.tci.com>
MIME-Version: 1.0
Content-Type: text/plain

To Kevin (N2TO) and anyone needing NE for WAS.

Having family ties in Nebraska, I visit there several times a year with the next scheduled visit being over the Oct 3rd weekend.

I plan to take the Ten Tec ARGO and have band modules 10 thru 80 mtrs, except 12mtrs. The antenna will be a W3EDP long wire as high in a 60 ft tree as possible.

If anyone is interested in trying to set something up for that weekend, you can e-mail me at "zoerb.ron@tci.com". I am game if you are.

These contacts would not count for my WAS due to the distance from my home QTH in CO, but sure sounds like fun. Wish I could help with HI, but probably won't be going there anytime soon.

Thanks,

Ron Zoerb, KI0II CQC#192 QRP-L # 928

End of QRP-L Digest 838

